

Attorney Docket No. DYOUN0288US

PATENT (OUS)

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS WITH UV-IRRADIATION**

the specification of which

☐ is attached hereto, or

☒ was filed as United States Application or PCT International Application (give Express Mail label number and deposit date if Application number not yet known):

Application No.: PCT/GB2003/002141
(Express Mail Label No.)

Filing Date: May 19, 2003
(Deposit Date)

Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

☐ no such applications have been filed.

☒ such applications have been filed as follows.

**EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			Yes	No
GB	0227803.4	28 November 2002	X	

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

POWER OF ATTORNEY

As a named inventor, I hereby appoint the attorneys of Renner, Otto, Boisselle & Sklar, LLP associated with **Customer Number 23908** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB,
UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Don W. Bulson, Esq.
Renner, Otto, Boisselle & Sklar, LLP
1621 Euclid Ave., 19th Floor
Cleveland, Ohio 44115

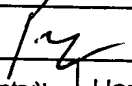
Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor:		100 Peter George Robin Smith	
Inventor's signature:		Date:	9/5/2005
Residence: (City & State/Country):	Hampshire, United Kingdom GBV	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any):		Richard Bird Williams	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION

- [X] Signature for additional joint inventors.
 [] Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
 [] This declaration ends with this page.

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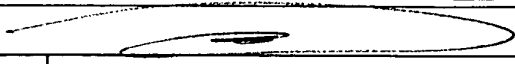
Full Name of Sole or First Inventor:		Peter George Robin Smith	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any): <i>200</i> Richard Bird Williams	
Inventor's signature:	<i>RB Williams</i> Date: <i>11th May 2005</i>
Residence: (City & State/Country):	Hampshire, United Kingdom <i>GBX</i> Citizenship: GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM

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FORM A PART OF THIS DECLARATION

- ☒ Signature for additional joint inventors.
☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
☐ This declaration ends with this page.

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

Full Name of Additional Joint Inventor (if any): ³⁰⁰ Vassilios Albanis			
Inventor's signature:			Date: 13/5/05
Residence: (City & State/Country):	Hampshire, United Kingdom GBX	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

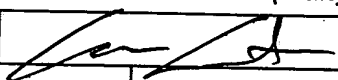
Full Name of Additional Joint Inventor (if any): Corin Barry Edmund Gawith			
Inventor's signature:			Date:
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any): Samuel Paul Watts			
Inventor's signature:			Date:
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any): Gregory Daniel Emmerson			
Inventor's signature:			Date:
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

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Full Name of Additional Joint Inventor (if any):		Vassilios Albanis	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any):		480 Corin Barry Edmund Gawith	
Inventor's signature:		Date:	9/5/05
Residence: (City & State/Country):	Hampshire, United Kingdom GBX	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		


Full Name of Additional Joint Inventor (if any):		Samuel Paul Watts	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
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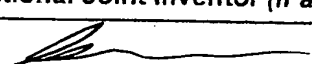
Full Name of Additional Joint Inventor (if any):		Gregory Daniel Emmerson	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
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Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

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Inventor's signature:		Date:	
Residence: (City & State/Country):	Hampshire, United Kingdom	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any):		500 Samuel Paul Watts	
Inventor's signature:		Date:	11 th May 2005
Residence: (City & State/Country):	Hampshire, United Kingdom GBX	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

Full Name of Additional Joint Inventor (if any):		600 Gregory Daniel Emmerson	
Inventor's signature:		Date:	11 th May 2005
Residence: (City & State/Country):	Hampshire, United Kingdom GBX	Citizenship:	GB
Post Office Address:	c/o Centre of Enterprise & Innovation University of Southampton Highfield, Southampton Hampshire SO17 1BJ UNITED KINGDOM		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

Applicants: Peter George Robin Smith et al.
Serial No: PCT/GB2003/002141
Filed: May 19, 2003
Title: FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS WITH UV-IRRADIATION

Art Unit:
Examiner:

Docket No. DYOUP0288US

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS AND EXCLUSION OF INVENTIVE ENTITY)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The assignee of the entire right, title and interest of the above identified patent application, by virtue of an assignment, [X] copy attached [] recorded in the Patent and Trademark Office at Reel <REEL>, Frame <FRAME>, hereby revokes all powers of attorney previously given and hereby appoints the attorneys of Renner, Otto, Boisselle & Sklar, LLP associated with **Customer Number 23908** to prosecute and transact all business in the Patent and Trademark Office connected with the above referenced application and to the exclusion of the inventive entity or any prior assignees.

Send correspondence and direct telephone calls to:

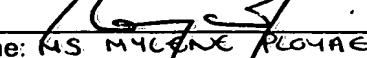
Don W. Bulson, Esq.
RENNER, OTTO, BOISSELLE & SKLAR, LLP
1621 Euclid Avenue, 19th Floor
Cleveland, Ohio 44115
Tel: 216-621-1113
Fax: 216-621-6165

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified below.

The undersigned further declares that he is empowered to act on behalf of the assignee, and that all statements made herein of his own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

University of Southampton

Date: 5th May 2005

By: 
Name: MS MYLONE
Title: ASSISTANT DIRECTOR CEI

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND
ADDRESS(ES) OF
INVENTOR(S)

Peter George Robin Smith
c/o Centre of Enterprise & Innovation
University of Southampton
Highfield, Southampton
Hampshire SO17 1BJ
UNITED KINGDOM

Corin Barry Edmund Gawith
c/o Centre of Enterprise & Innovation
University of Southampton
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Richard Bird Williams
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Highfield, Southampton
Hampshire SO17 1BJ
UNITED KINGDOM

Gregory Daniel Emmerson
c/o Centre of Enterprise & Innovation
University of Southampton
Highfield, Southampton
Hampshire SO17 1BJ
UNITED KINGDOM

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF
INVENTION

FABRICATION OF WAVEGUIDES AND BRAGG GRATINGS WITH UV-IRRADIATION

for which application for Letters Patent of the United States has been:
[authorization is hereby given for any attorney of record in the subject patent application to insert below the application number and filing date information for this application when that information becomes available]

PARTICULARS OF
APPLICATION

☐ executed concurrently herewith,
☐ filed under U.S. Application No. _____ on _____,
☒ filed under PCT Application No. PCT/GB2003/002141 on May 19, 2003, or
☐ filed under Express Mail Label No. _____ on _____.

WHEREAS:

NAME, STATE OF
INCORPORATION
AND ADDRESS OF
ASSIGNEE

University of Southampton
Highfield, Southampton
Hampshire SO17 1BJ
UNITED KINGDOM

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest to said invention so far as concerns the United States and the Territories and Possessions thereof, including

the right to claim priority, and said application and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF
INVENTORS(S)

Date 9/5/2005


Peter George Robin Smith

Date _____

Richard Bird Williams

Date _____

Vassilios Albanis

Date _____

Corin Barry Edmund Gawith

Date _____

Samuel Paul Watts

Date _____

Gregory Daniel Emmerson

Z:\SEC152\152\DWB\DYOUN\IP0288\IP0288US.ASSN.wpd (A-OUS-4.A4) (1/99)

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND
ADDRESS(ES) OF
INVENTOR(S)

Peter George Robin Smith
c/o Centre of Enterprise & Innovation
University of Southampton
Highfield, Southampton
Hampshire SO17 1BJ
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FULL NAME(S) OF
INVENTORS(S)

Date _____

Peter George Robin Smith

Date 11th May 2005


Richard Bird Williams

Date _____

Vassilios Albanis

Date _____

Corin Barry Edmund Gawith

Date 11th May 2005


Samuel Paul Watts

Date 11th May 2005


Gregory Daniel Emmerson

Z:\SEC152\152\DWB\DYOU\IP\0288\IP0288US.ASSN.wpd (A-OUS-4.A4) (1/99)

Steph

Attorney Docket No. DYOUP0288US

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND
ADDRESS(ES) OF
INVENTOR(S)

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c/o Centre of Enterprise & Innovation
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Date 13/5/05



Vassilios Albanis

Date _____

Corin Barry Edmund Gawith

Date _____

Samuel Paul Watts

Date _____

Gregory Daniel Emmerson

Z:\SEC152\152\DWB\DYU\IP\0288\IP0288US.ASSN.wpd (A-OUS-4.A4) (1/99)

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND
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INVENTOR(S)

Peter George Robin Smith
c/o Centre of Enterprise & Innovation
University of Southampton
Highfield, Southampton
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the right to claim priority, and said application and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF
INVENTORS(S)

Date _____

Peter George Robin Smith

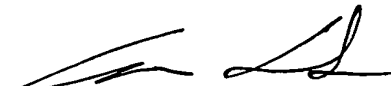
Date _____

Richard Bird Williams

Date _____

Vassilios Albanis

Date 9/5/05



Corin Barry Edmund Gawith

Date _____

Samuel Paul Watts

Date _____

Gregory Daniel Emmerson

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